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MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

L15D-B -USA PLUG SERIES

Jameco Part Number 224590 (L15D15B-P1J)

- .FULL RANGE AC INPUT
- .2 BLADE PIN(USA PLUG IN),CLASS II
- .BUILD IN EMI FILTER
- .FULLY ENCLOSED PLASTIC CASE
- .RCC CONTROL CIRCUIT
- .100% FULL LOAD BURN-IN TEST
- .DC OUTPUT PLUG OPTION
- .LOW COST, HIGH RELIABILITY
- .SHORT CIRCUIT PROTECTION
- .OVER LOAD PROTECTION
- .1 YEAR WARRANTY
- .APPROVALS:UL/CUL/FCC
- .OPERATION LIFE:49000hrs@25°C

ORDER NO. / SPECIFICATION	L15D05B -yyy	L15D06B -yyy	L15D12B -yyy	L15D15B -yyy	L15D24B -yyy	L15D30B -yyy
SAFETY MODEL NO.	LAD1512D52	LAD1512D61	LAD1512DBH	LAD1512DC1	LAD1512DEB	LAD1512DFB
DC OUTPUT VOLTAGE	5V	6V	12V	15V	24V	30V
OUTPUT V. TOLERANCE	±5%	±5%	±3%	±3%	±3%	±3%
OUTPUT RATED CURRENT	2.00A	1.00A	1.25A	1.00A	0.50A	0.50A
OUTPUT CURRENT RANGE	0.2-2.0A	0.1-1.0A	0.1-1.25A	0.1-1.0A	0.05-0.5A	0.05-0.5A
RIPPLE & NOISE	50mVp-p	60mVp-p	100mVp-p	100mVp-p	120mVp-p	150mVp-p
LINE REGULATION	±1%	±1%	±1%	±1%	±1%	±1%
LOAD REGULATION	±5%	±5%	±3%	±3%	±3%	±3%
DC OUTPUT POWER	10W	6W	15W	15W	12W	15W
EFFICIENCY	68%	68%	74%	75%	77%	78%

DC VOLTAGE ADJ.	FIXED
INPUT VOLTAGE RANGE	90~264VAC 47~63Hz
AC CURRENT	0.5A@115VAC
AC INPUT PLUG	2 BLADE PIN(USA TYPE AC PLUG)
INRUSH CURRENT	COLD START < 20A PEAK @ 115VAC
OVERLOAD PROTECTION	HICCUP MODE, RESET:AUTO RECOVERY
TEMP. COEFFICIENT	±0.03% / °C (0~50°C) @115VAC INPUT
SETUP, RISE, HOLD UP TIME	200ms, 50ms, 8ms @115VAC INPUT
VIBRATION	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES
WITHSTAND VOLTAGE	I/P-O/P:3KVAC 1min.
ISOLATION RESISTANCE	I/P-O/P: 100M Ohms min.@500VDC
WORKING TEMP., HUMIDITY	0°C~+40°C @ 100%LOAD, 50°C @ 70% LOAD, 20%~90% RH
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH
DIMENSION	80*55*30.5mm (L*W*H)
WEIGHT; Q'TY/CARTON	190g; 45PCS/CARTON
SAFETY STANDARDS	UL1950, CSA22.2
EMC STANDARDS	FCC, PART 2 AND 15, CLASS B
LENGTH OF OUTPUT CABLE	STANDARD CABLE:180cm OF SPT-1, 18AWG*2C WITH BEAD CORE(OPTION)
PLUG OF DC OUTPUT	STANDARD PLUG P1J:2.1¢*5.5¢*11mm,TURNING FORK TYPE, CENTER POSITIVE (yyy:OUTPUT CABLE AND CONNECTOR,TO BE DEFINED BY CUSTOMER)

NOTE:
1. ALL PARAMETERS ARE SPECIFIED AT 115VAC INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2. TOLERANCE: INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
3. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
4. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
5. LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.

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